



Specification for Ammonium Phosphate Dibasic, Crystal, Reagent, ACS (A1240)

Item Number	A1240
Item	Ammonium Phosphate Dibasic, Crystal, Reagent, ACS
CAS Number	7783-28-0
Molecular Formula	$(\text{NH}_4)_2\text{HPO}_4$
Molecular Weight	132.06
MDL Number	
Synonyms	Diammonium Hydrogen Phosphate ; Diammonium Phosphate

Test	Specification	
	Min	Max
APPEARANCE		
ASSAY [$(\text{NH}_4)_2\text{HPO}_4$]	98.0 %	
pH OF A 5% SOLUTION @ 25°C	7.7	8.1
INSOLUBLE MATTER		0.005 %
CHLORIDE (Cl)		0.001 %
NITRATE (NO_3)		0.003 %
SULFATE		0.01 %
HEAVY METALS (by ICP-OES)		0.001 %
IRON (Fe)		0.001 %
CALCIUM (Ca)		0.001 %
MAGNESIUM (Mg)		0.0005 %
POTASSIUM (K)		0.005 %
SODIUM (Na)		0.005 %
EXPIRATION DATE		
DATE OF MANUFACTURE		

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